

Listing of Claims:

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1. (Cancelled)

2. (Previously Presented) A method of operating a radio system comprising a mobile terminal and a fixed terminal, the method comprising said mobile terminal transmitting a message giving parameters relating to its capabilities, and said fixed terminal receiving the message and configuring itself in accordance with the received parameters.

3. (Previously Presented) A method as claimed in claim 2, wherein the mobile terminal transmits the required function plus software required in building a new function into an actual implementation on the fixed terminals.

4. (Previously Presented) A method as claimed in Claim 2, further comprising testing the air interface to ensure that said configuring has taken place without error.

5. (Cancelled)

6. (Previously Presented) A communication system comprising a mobile terminal and a fixed which are able to communicate with each other, wherein said fixed terminal has means for configuring itself in response to receipt of a message transmitted by said mobile terminal giving parameters relating to its capabilities.

7. (Cancelled)

8. (Previously Presented) A communications system as claimed in claim 6, wherein said mobile terminal and said fixed terminal each have a software interface including a memory and means for altering the memory, and wherein at least a portion of the area of the memory has a part allocated to respective software functions, the memory altering means replacing the area of a respective part in response to a new function being downloaded.

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9. (Previously Presented) A fixed terminal for use in a communication system in which a mobile terminal can configure said fixed terminal by service negotiation, the fixed terminal comprising a transceiver, a memory for storing software functions, and a processor for controlling operation of the fixed terminal in accordance with stored software functions, at least one of the software functions being alterable in response to the receipt of a message from said mobile terminal containing new software function plus interface software required by the processor in building the new function into an actual implementation on the fixed terminal.

10. (Presently Amended) A method of configuring a profile of a fixed terminal comprising:

transmitting capabilities of said fixed terminal to a mobile terminal, said capabilities including functions such as modulation type, bit rate, spreading code and number of carriers which are executed in a communication link;

selecting by said mobile terminal parameters that match said capabilities and transmitting said parameters to said fixed terminal;

selecting by said fixed terminal a portion of said parameters to form selected parameters and informing said mobile terminal of said selected parameters; and

transmitting by said mobile terminal to said fixed terminal required information to form said profile based on said selected parameters.

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11. (Previously Presented) The method of claim 10, further comprising requesting said capabilities of said fixed terminal by said mobile terminal.

12. (Previously Presented) The method of claim 10, further comprising testing delivery integrity of said required information.

13. (Previously Presented) The method of claim 10, further comprising:  
testing delivery integrity of said required information; and  
requesting retransmission of said required information if said testing indicates an error in said delivery integrity.

14. (Previously Presented) The method of Claim 10, further comprising acknowledging proper reception of said required information.

15. (Presently Amended) A communication terminal comprising:

means for transmitting capabilities of said communication terminal to another terminal, said capabilities including functions such as modulation type, bit rate, spreading code and number of carriers which are executed in a communication link;

means for receiving parameters from said another terminal, said parameters matching said capabilities;

means for selecting a portion of said parameters to form selected parameters and informing said another terminal of said selected parameters;

means for receiving from said another terminal required information to form a profile of said communication terminal based on said selected parameters; and

means for configuring said profile in response to said required information from said another terminal.

16. (Presently Amended) A communication terminal comprising:

a memory which stores data indicative of capabilities of said communication terminal;

a transmitter which transmits said capabilities to another terminal, said capabilities including functions such as modulation type, bit rate, spreading code and number of carriers which are executed in a communication link;

a receiver which receives parameters from said server, said parameters matching said capabilities; and

a controller which selects a portion of said parameters to form selected parameters and informs said server of said selected parameters;

said receiver receiving from said server required information to form a profile of said communication terminal based on said selected parameters; and

said controller configuring said profile in response to said required information from said server.

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